



GLIS0161.ST25.txt
SEQUENCE LISTING

<110> Froehler, Brian
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Jones, Robert J.
Gutierrez, Arnold J.
Pudlo, Jeff

<120> ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX FORMATION WITH OLIGOMERS
CONTAINING MODIFIED PYRIMIDINES

<130> GLIS-0161

<140> US 10/730,643
<141> 2003-12-08

<150> US 10/294,203
<151> 2002-11-14

<150> US 10/024,818
<151> 2001-12-18

<150> US 08/599,738
<151> 1996-12-12

<150> US 07/976,103
<151> 1992-11-25

<150> US 07/965,941
<151> 1992-10-23

<150> US 07/935,444
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<220>
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<220>
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<222> (11)..(14)
<223> This position is U*= 5-(1-propynyl)-2'-deoxyuridine

<400> 28
tntntntntn nnnnt
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<210> 29
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> This position indicates a 3'-thioformacetal linkage (3', 5')

<220>
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<222> (13)..(14)
<223> This position indicates a 3'-thioformacetal linkage (3', 5')

<400> 29
tntntntntn ttttt
15

<210> 30
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

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<220>
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<220>
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<222> (4)..(4)
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<223> This position is C'= 5-methyl-2'-deoxycytidine

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<223> This position is U*= 5-(1-propynyl)-2'-deoxyuridine

<220>
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<220>
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<220>
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<400> 30
tntntntntn nnnnt

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15

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<210> 31
<211> 15
<212> DNA
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<220>
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<220>
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<220>

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<220>
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<220>
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<400> 31
tntntntntn nnnnt

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15

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<210> 32
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<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> This position is C'= 5-methyl-2'-deoxycytidine

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<222> (6)..(6)

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<223> This position is C'= 5-methyl-2'-deoxycytidine

<220>
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<220>
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<223> This position is C'= 5-methyl-2'-deoxycytidine

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tntntntntn nnnnn
15

<210> 33
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> This position is C'= 5-methyl-2'-deoxycytidine

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<220>
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<220>
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tntntnnnnn ntntn 15

<210> 34
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<212> DNA
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<220>
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<400> 34
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<210> 35
<211> 15
<212> DNA
<213> Artificial Sequence

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<220>
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<223> This position is C'= 5-methyl-2'-deoxycytidine

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<220>
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<223> This position is C'= 5-methyl-2'-deoxycytidine

<220>
<221> misc_feature
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<400> 35
tntntntntn nnnnn

15

<210> 36
<211> 15
<212> DNA
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<223> This position is U superscript T=5-(2-Thienyl)-2'-Deoxyuridine

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<220>
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15

<210> 37
<211> 15

<212> DNA
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<220>
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<220>
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 <222> (10)..(10)
 <223> This position is C# = Carbocyclic 5-Methyl-2'-Deoxycytidine

<220>
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<400> 37
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15

<210> 38
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 <212> DNA
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<220>
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<400> 38
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17

<210> 39
<211> 17
<212> DNA
<213> Artificial Sequence

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<220>
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<220>
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<220>
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<400> 39
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17

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<210> 40
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<220>
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<400> 40
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15

<210> 41
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<220>
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<400> 41
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17

<210> 42
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<220>
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<400> 42
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17

<210> 43
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<220>

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<220>

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<222> (14)..(14)

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<220>

<221> misc_feature

<222> (15)..(15)

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<400> 43

tntntntntn ttttt

15

<210> 44

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

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<222> (4)..(4)

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<220>

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<222> (8)..(8)

<223> This position is c'= 5-methyl-2'-deoxycytidine

<220>

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<222> (10)..(10)

<223> This position is c'= 5-methyl-2'-deoxycytidine

<220>

<221> misc_feature

<222> (11)..(15)

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<400> 44

tntntntntn ttttt

15

<210> 45

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<400> 45
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15

<210> 46
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 <212> DNA
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<220>
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 <222> (4)..(4)
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<220>
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15

<210> 47
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 <212> DNA
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<400> 47
 tntntntntn ttttt

15

<210> 48
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 <212> DNA
 <213> Artificial Sequence

<220>
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Allylcytidine

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Allylcytidine

<220>
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 <222> (6)..(6)

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<220>
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tntntntntn ttttt 15

<210> 49
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
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<400> 49
aaaaagagag agaga 15

<210> 50
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<220>
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<220>
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<222> (4)..(4)
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<220>
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<222> (12)..(13)

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<220>
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<220>
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<220>
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<220>
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<220>
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<400> 50
nnnnnnnnnn nnnnnnnnnn nnnnnnnnn

<210> 51
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<220>
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<220>
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<220>
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23

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32

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<213> Artificial Sequence

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32

<210> 54

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<212> DNA

<213> Artificial Sequence

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<223> Synthetic construct

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15